

ANNA-40-3-S

~15° spot beam with 3 optics

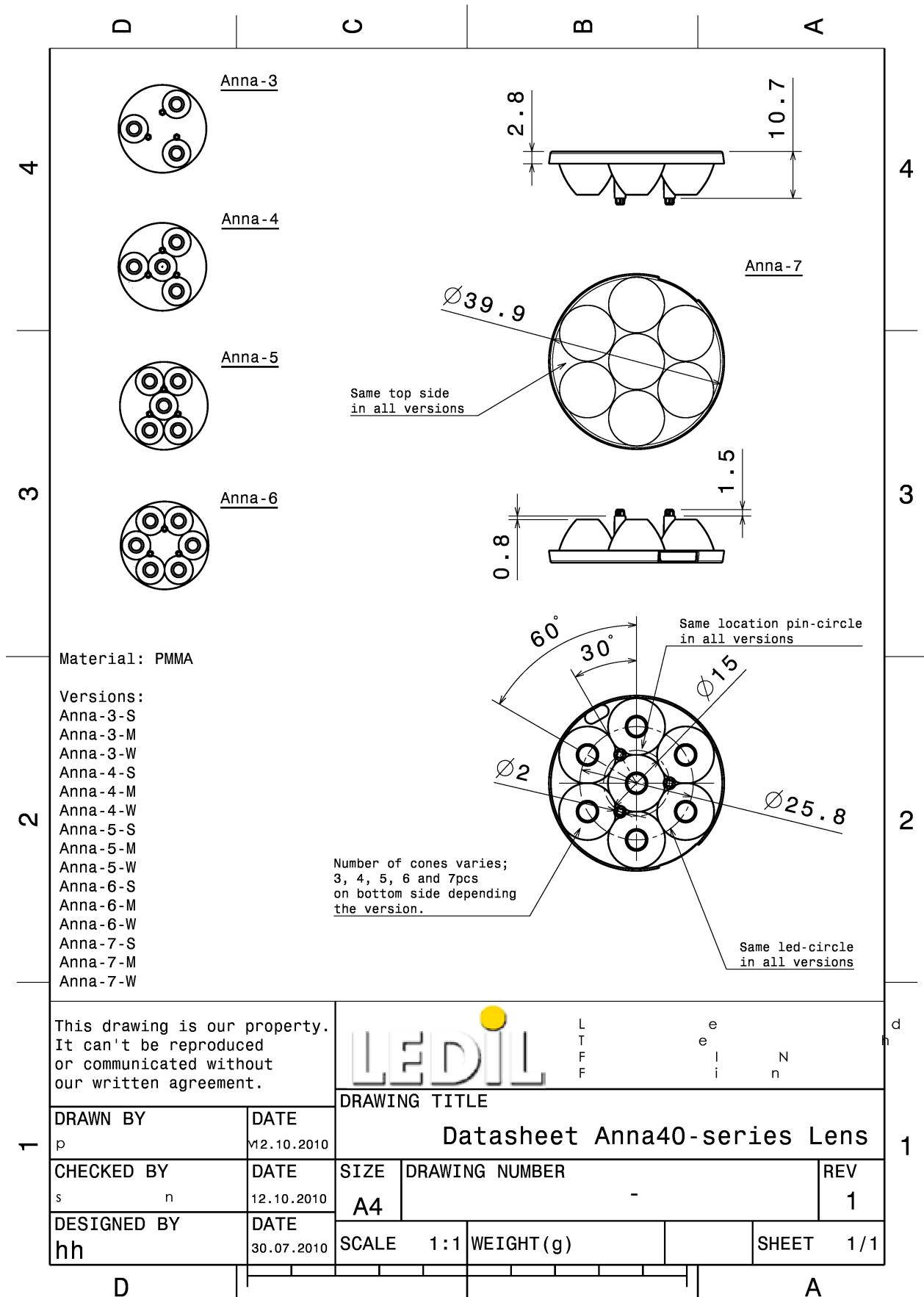
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 40.0 mm
Height	10.7 mm
Fastening	glue, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	6.4 kg
Quantity in Box	760 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

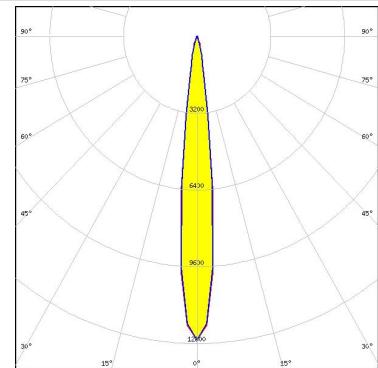
Component	Type	Material	Colour
ANNA-40-3-S	Lens array	PMMA	clear



PHOTOMETRIC DATA (MEASURED):

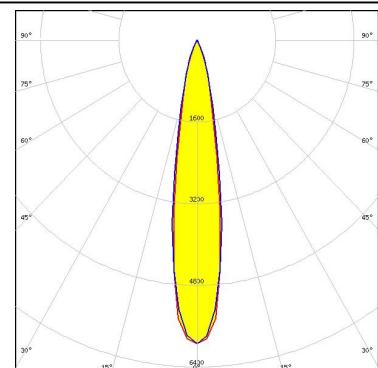
CREE

LED XP-E
FWHM 12.0°
Efficiency 93 %
Peak intensity 12.700 cd/lm
Required components:



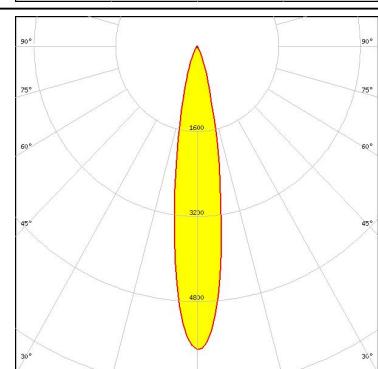
CREE

LED XP-G
FWHM 18.0°
Efficiency 93 %
Peak intensity 5.940 cd/lm
Required components:



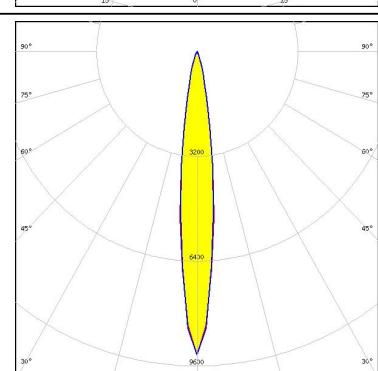
LUMILEDS

LED LUXEON A
FWHM 19.0°
Efficiency 87 %
Peak intensity 5.710 cd/lm
Required components:



LUMILEDS

LED LUXEON Rebel
FWHM 13.0°
Efficiency 92 %
Peak intensity 9.300 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

LUMILEDS

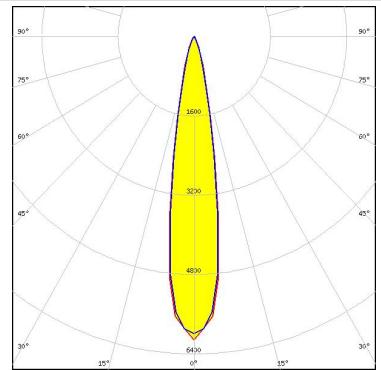
LED LUXEON Rebel ES

FWHM 18.0°

Efficiency 93 %

Peak intensity 6.100 cd/lm

Required components:



NICHIA

LED NCSxx19A

FWHM 16.0°

Efficiency 91 %

Peak intensity 6.700 cd/lm

Required components:

NICHIA

LED NVSxx19A

FWHM 19.0°

Efficiency 91 %

Peak intensity 4.900 cd/lm

Required components:

OSRAM

Opto Semiconductors

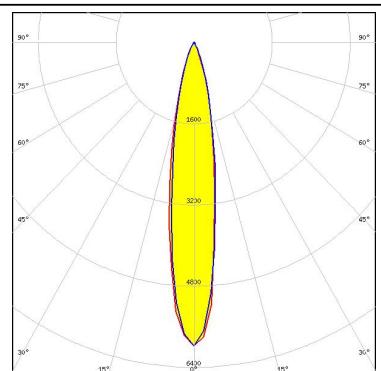
LED Duris S5 (2 chip)

FWHM 18.0°

Efficiency 90 %

Peak intensity 6.000 cd/lm

Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

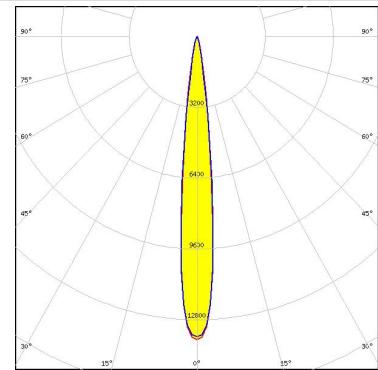
LED Oslon SSL 150

FWHM 12.0°

Efficiency 90 %

Peak intensity 13.700 cd/lm

Required components:



OSRAM

Opto Semiconductors

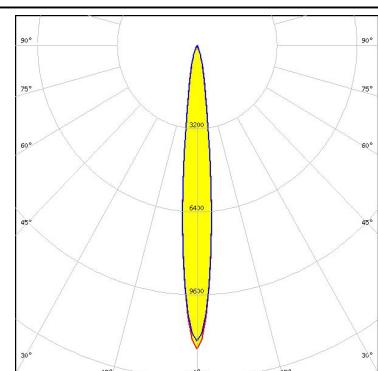
LED Oslon SSL 80

FWHM 11.0°

Efficiency 90 %

Peak intensity 11.700 cd/lm

Required components:



PHOTOMETRIC DATA (SIMULATED):

SHARP

LED Double Dome (GM2BB)

FWHM 12.0°

Efficiency %

Peak intensity cd/lm

Required components:

GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

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